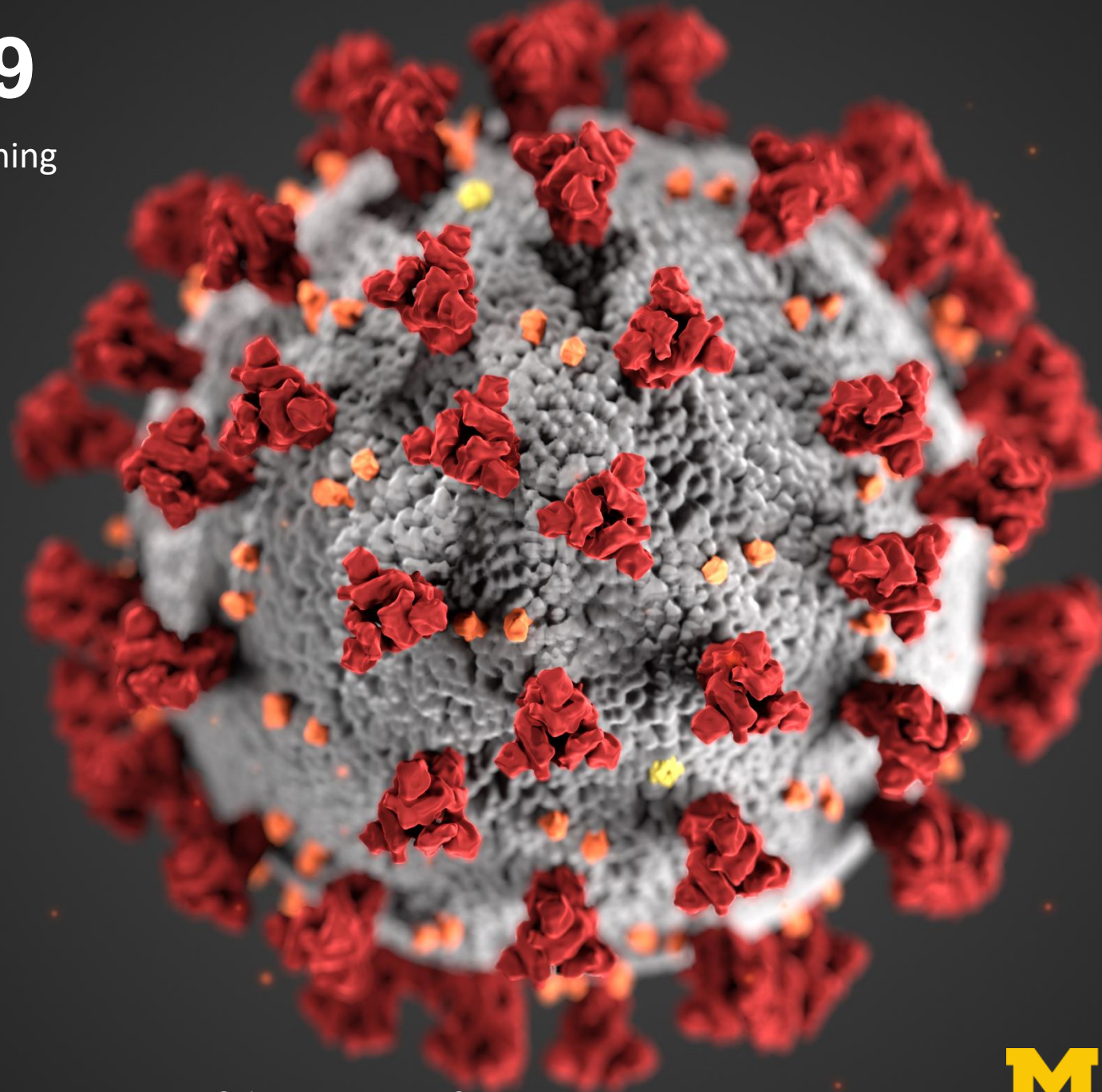
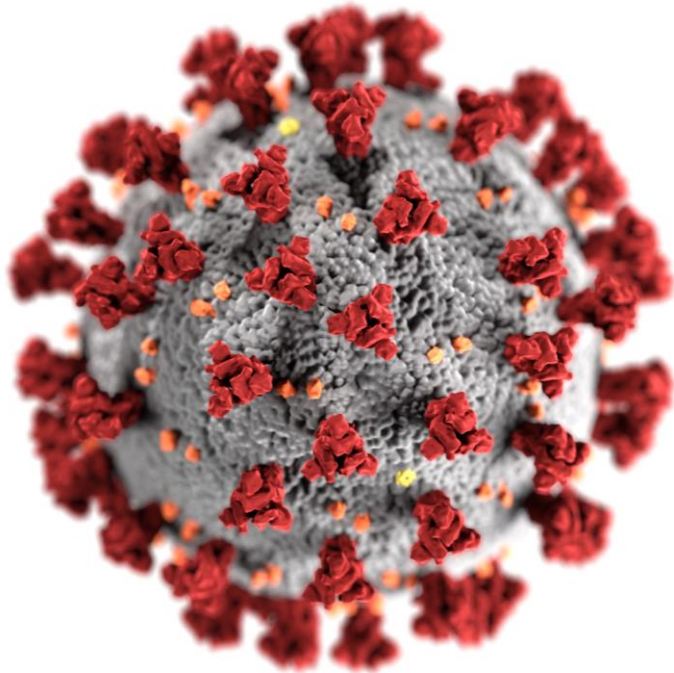


# COVID-19

MIOSHA Required Training



# COVID-19



COVID-19 is a contagious respiratory illness caused by the virus SARS-CoV2.

This is a novel coronavirus, different from those that cause the common cold.

It can cause serious illness in individuals that are at [increased risk](#).

# How Does COVID-19 Spread?

## Droplets

- Primary mode of transmission of COVID-19 is through respiratory droplets
- Respiratory droplets from coughs or sneezes travel from the mouth or nose of an infected individual and directly land in the mouth or nose of a nearby individual (within 6 feet). Some individuals can spread viable virus without ever showing symptoms.

## Aerosols

- Aerosols are tiny respiratory droplets that can be formed during certain medical procedures (e.g. intubation, extubation, or bronchoscopy) and may travel farther than 6ft
  - Spread via aerosols is opportunistic
  - See [Infection Prevention's website](#) for a list of Aerosol Generating Procedures

## Surfaces

- Studies suggest that COVID-19 virus can survive on surfaces from a few hours to a couple of days
- It may be possible that a person can become infected with COVID-19 by touching a surface that has been contaminated and then touching their own mouth, nose, or eyes.
- Proper hand hygiene is key!

# Personal Protective Equipment (PPE) Requirements

Welcome!

## FACE COVERINGS REQUIRED

Thank You!



For the safety of our patients, visitors and staff,  
**face coverings are required in our hospitals  
and health centers for anyone over the age of 5.**  
Masks are encouraged for children ages 2 to 5.

Masks are available at each entrance if you do not have one.

Learn more about our commitment to keeping you safe and  
steps we are taking at [uofmhealth.org/covid-safety](https://uofmhealth.org/covid-safety)



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### Face covering must be worn anywhere on U-M property per Universal Masking Protocol

- Inside, outside any building and on U-M Transportation (i.e. busses or Vanpools)
- [Face Covering Policy for COVID-19](#)
- Masks must be professionally appropriate

### Cloth Face Coverings

- Must be laundered daily
- Can be home or commercially made
- May be used in non-patient care areas
- May not have exhalation valves
- May not be bandana style

[Tips on how to wear CLOTH face coverings](#)

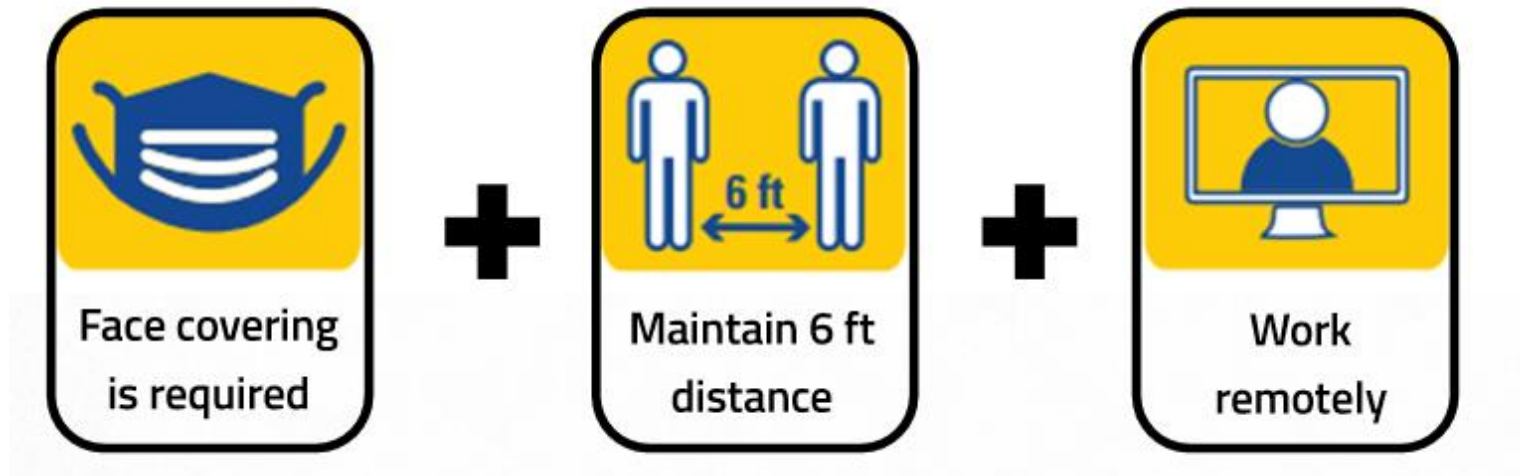
### Medical Face Masks

- Available at entrances
- Must be worn in patient care areas. NOTE: Additional PPE is required in certain patient care areas
- Should be discarded at the end of a shift or replaced sooner if they become wet or soiled

[Tips on how to wear a medical mask safely](#)

# Social Distancing

**Social distancing** reduces the potential for contact with respiratory droplets. Keep your mask on, even when social distancing.



**In addition:**

- Avoid shared office space
- Utilize physical barriers where 6 feet of distance cannot be maintained

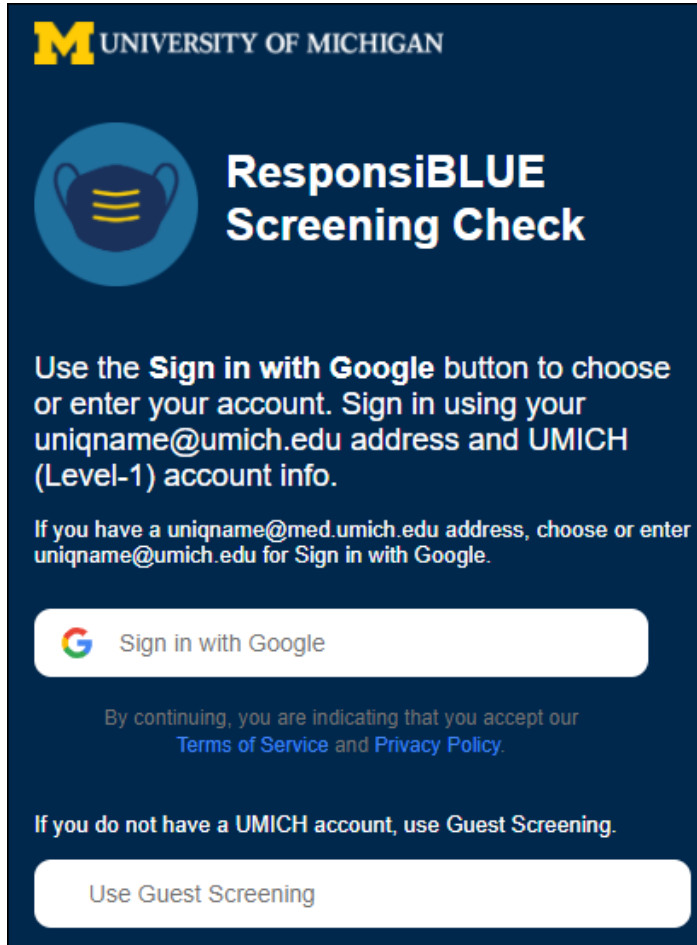
# Cleaning Your Workspace

- Disinfect your personal workspace regularly with hospital approved disinfectant.
- Environmental Services (EVS) or respective housekeeping contract services will clean common areas daily.

If an employee in your area has been diagnosed with COVID-19, leadership will use the appropriate contact to initiate disinfecting of the space.

Location	Shared Workspace	Dedicated Workspace
<b>Medical center clinical/patient care areas</b>	<p>Call the CLEAN line.</p> <p>EVS will use a hospital approved disinfectant.</p>	<p>It is preferable to isolate the office for 7 days in lieu of cleaning.</p> <p>If it is not possible to isolate the office, follow shared workspace protocol.</p>
<b>Off-site clinical locations</b>	<p>Contact building manager.</p> <p>Ambulatory custodial services will use a hospital approved disinfectant</p>	<p>It is preferable to isolate the office for 7 days in lieu of cleaning.</p> <p>If it is not possible to isolate the office, follow shared workspace protocol.</p>
<b>Non-research or clinical buildings</b>	<p>Follow Environment Health and Safety cleaning and disinfection protocols as outlined in the EHS General Cleaning Guidance.</p>	

# Daily Symptom Screening with ResponsiBLUE



The screenshot shows the 'ResponsiBLUE Screening Check' interface. At the top left is the University of Michigan logo. Below it is a circular icon of a blue face mask. The title 'ResponsiBLUE Screening Check' is prominently displayed. The main text instructs users to use the 'Sign in with Google' button, providing details on which email addresses to use (uniquename@umich.edu for Level-1 accounts and uniquename@med.umich.edu for medical staff). A 'Sign in with Google' button is visible, along with a link to the Terms of Service and Privacy Policy. At the bottom, there is a 'Use Guest Screening' button for users without a UMICH account.

Every faculty, staff, and student must complete a health assessment through the ResponsiBLUE tool ([responsiblue.umich.edu](https://responsiblue.umich.edu)) before they enter the building or property.

- **Follow all instructions on the screen**
- Must be completed daily
- In-person screening will be available for staff who are not able to access the online tool. A paper form will be provided at entrances, and must be completed prior to building entry.

# COVID-19 Symptoms and Exposure Risk



If you receive a red alert from ResponsiBLUE, you reported a combination of the COVID-like symptoms listed below or an exposure. Symptoms can vary from person to person. You may need to be assessed by a clinician.

Call the OHS COVID Line 734-764-8021, option 1.

Symptoms occur 2-14 days after exposure.

## Common Symptoms

- Fever (>100.4 F, 38.0 C)
- Cough
- Shortness of breath/hypoxia

## Less Common Symptoms

- Chills/shaking chills
- Myalgia/unexplained body aches
- Headache
- URI symptoms (sore throat, nasal congestion, rhinorrhea)
- Loss of taste or smell
- Diarrhea, nausea, vomiting
- Rash concerning for COVID 19

## Exposure Risk

- Within 6 feet of a COVID-19 positive individual for ~15 minutes or more over a 24 hour period.
- Instructed to quarantine at home following a community exposure.
- Parameters for exposures and quarantine for healthcare personnel in the healthcare setting are different than for other individuals in the community. Reported exposures must be assessed.

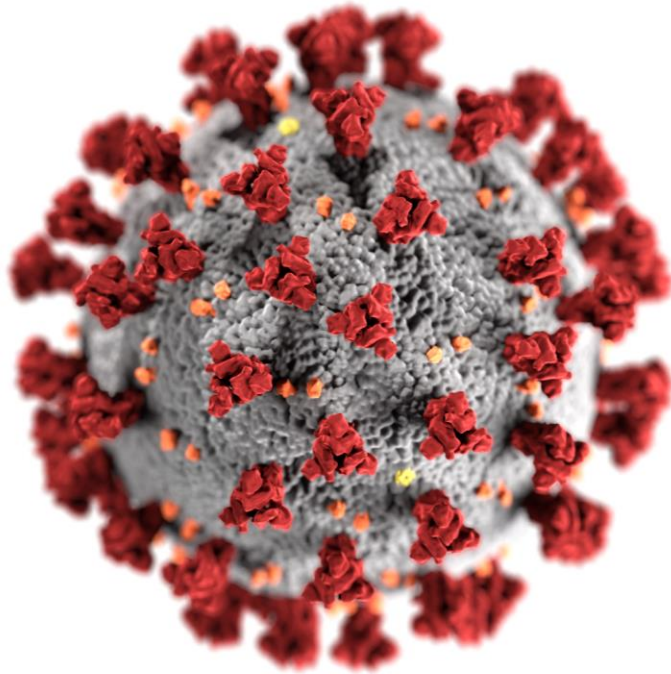
## How do I know if I've been exposed to COVID-19 at work?

IP&E provides notification related to positive COVID-19 patients and co-workers. Staff identified as having a potential exposure to either a positive patient or staff member will receive communications with follow-up instructions. It may be necessary to contact OHS for details on symptom monitoring and testing.

**Healthcare workers are ESSENTIAL and not restricted from work due to exposure at this time.**



# What If I Feel Sick?



**If you are experiencing severe symptoms, seek immediate medical attention.**

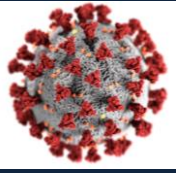
- Any staff member experiencing symptoms should **stay home**.
- If already at work, ensure a mask is being worn and **leave the workplace**.
- **Whether you are at work or at home:**
  - Contact Occupational Health Services (OHS) via phone. OHS COVID Line: 734-764-8021, option 1.
  - DO NOT go to OHS without an appointment.
  - Contact your Supervisor.
- You may be restricted from work based on current [OHS Guidelines](#).
- You may be offered a COVID test.
- Visit the OHS Website for more information <https://hr.umich.edu/benefits-wellness/health-well-being/occupational-health-services>

# What happens if I get a COVID test and it's negative?

There are other viruses that cause illness besides SARS-CoV-2, employees must follow the standard work restrictions policy.

- PolicyStat ID: [7415053](#)
- Do not work until influenza-like illness symptoms have resolved for 24 hrs without the use of fever reducing medications.
- Flu-like symptoms include a fever  $>38^{\circ}\text{C}$  or  $100.5^{\circ}\text{F}$ ,  
**AND one of the following:**
  - sore throat
  - cough
  - headache
  - body ache





# What happens if I get a COVID test and it's positive?

## COMMUNICATE AND ISOLATE

- If you receive a positive COVID-19 test result call the OHS COVID Line at **734-764-8021, option 1**
  - **If your test was through Occupational Health Services, OHS will contact you with the results**
  - **If your test was through your primary care provider or other non-OHS provider, notify OHS of your results immediately**
- Your local health department will be notified of your results within 24 hours and may contact you. Follow local health department guidance
- Complete the [Michigan Medicine contact tracing survey](#) within 24 hours
- Update your supervisor with your COVID-19 status
  - ***Medical confidentiality and privacy will be maintained***
- Isolate yourself immediately
- Notify your close contacts
- Follow [COVID-19 Work Restrictions Guideline](#)

# Compliance Reporting

**If you see something wrong, say something to make it right. You can report your concerns to:**

- Your supervisor through your chain of command
- Michigan Medicine Corporate Compliance Office
- U-M Compliance Hotline (1-866-990-0111), can report anonymously

*Include as much information as possible*

End here for employees that do not enter  
patient care areas

# Universal Pandemic Precautions

Patient care may pose unique risks to healthcare workers. Additional PPE is required in patient care areas. Follow PPE guidance to prevent exposures.



- **Universal Masking Protocol**

- Wear a medical mask at all times unless eating or drinking

- **Continuous Targeted Eye Protection**

- Wear approved goggles/shields for all patient facing activities
  - This includes all staff such as clerks that have face to face contact with patients or visitors
  - See [IPE's FAQ](#) on CTEP



# PPE Donning and Doffing Videos

The screenshot shows the website for the Office of Clinical Affairs, Infection Prevention & Epidemiology, University of Michigan Health System. The navigation menu includes Home, About Us, Policies, Data, Cleaning/Disinfection, and Isolation/Precauti. The main content area is titled "COVID-19 Inpatient Clinical Guidance" and is divided into "General" and "Rule Out/Confirmed" sections. The "General" section lists various guidelines and protocols, including "COVID-19 Interim Guidelines (UMHS 4/20/2020)", "Universal Mask Protocol for Workforce Members in Clinical Areas", and "COVID-19 Universal Masking for Employees (5/15/2020)". The "Rule Out/Confirmed" section lists "Testing" (Nasopharyngeal Swab Method, COVID Test Performance Characteristics, etc.), "Inpatient Testing Toolkit", "Treatment", and "Isolation". A sidebar on the left lists navigation options like "Home Page", "Ambulatory Guidance", "Inpatient Clinical Guidance", "Emergency Department Guidance", and "General Information".

**General PPE/N95 Guidance**

- PPE - Extended Use N95 Instructions (4/20/2020) and Poster (4/20/2020)
- PPE - Reuse N95 Instructions (4/20/2020) and Poster (4/20/2020)
- N-95 Decontamination Process (Internal Communication) (4/7/2020)
- N95 Respirator Reprocessing Performed by CSPD (4/20/2020)
  - Plan for Collection and CSPD Reprocessing of N95s (4/20/2020)
  - N95 Reprocessing Reminders (5/19/2020)
  - N95 Reuse and Reprocessing FAQs (4/20/2020)
- Personal Protective Equipment FAQs
- Ordering PPE Supplies
- PPE Donning/Doffing Posters
- Video - Donning PPE
- Video - Doffing PPE
- Video - Doffing PPE with N95 Reuse
- Video - Donning PPE with N95 Reuse

**PAPR Guidance**

- PAPR Unit, Hood & Tubing Cleaning Protocol
- Cleaning of PAPR hoods between use (Cart Sign)
- PAPR Unit, Testing & Cleaning (4/30/20)
- PAPR Donning and Doffing Posters
- Video - Donning PPE with PAPR
- Video - Doffing PPE with PAPR
- Video - Donning PAPR (unit assembly and donning)
- Video - Doffing PAPR (doffing and unit disassembly)

Donning and Doffing videos can be found on the IPE website.

*All patient care staff should view the videos before entering a Special Pathogens room.*

# Special Pathogen Precautions (yellow sign)

- This sign is used for COVID-19, MERS-CoV, SARS, or other novel respiratory viruses.
- Following the proper donning and doffing procedures are vital to protect yourself from accidental contamination.
- Patients who have recovered from COVID-19 require isolation as outlined in the [De-escalation Protocol](#) on the IP&E Website.





# Cleaning and Disinfection – Patient Spaces



- In most cases, rooms that were occupied by COVID-19 or PUI patients can be cleaned immediately.
- However, if an AGP (Aerosol Generating Procedure) is performed and a stop sign is placed on the door, consult the Room Air Clearance Document on the IPE COVID-19 Website prior to cleaning.

[Aerosol Generating Procedure](#)

[Room Air Clearance Document](#)

# Cleaning and Disinfection – Patient Equipment

- Use hospital approved disinfectants **ONLY**
- Wear appropriate PPE
  - Gloves
  - Eye protection may be required
- Keep surfaces wet for the necessary time  
For example:
  - Oxivir = 1 minute
  - Clorox Bleach wipes = 3 mins
  - See labels for details
- See IPE Cleaning and Disinfection Webpage
  - [Inpatient equipment cleaning protocols](#)
  - [Ambulatory equipment cleaning protocols](#)



## Staff Resources

IPE Website: <http://www.med.umich.edu/i/ice/resources/coronavirus.html>

Safety Management Website: <http://www.med.umich.edu/i/Safety/index.shtml>

OHS COVID-19 Website: <https://hr.umich.edu/benefits-wellness/health-well-being/occupational-health-services/covid-19-information>

MM COVID Response Plan: <http://med.umich.edu/i/pdf/covidresponseplanemp.pdf>

## Clinical Resources

COVID Testing Orders - Department of Pathology: <https://www.pathology.med.umich.edu/handbook/#!/term/Covid>

Indications for COVID-19 Diagnostic Testing for Patients in All Clinical Settings: [http://www.med.umich.edu/asp/pdf/adult\\_guidelines/COVID-19-testing.pdf](http://www.med.umich.edu/asp/pdf/adult_guidelines/COVID-19-testing.pdf)

Patient Education: <http://pteducation.med.umich.edu/covid-19>

# Attestation:

By clicking on "Yes," I am affirming that I have reviewed ICEx-20125 Introduction to COVID-19 at Michigan Medicine, and understand what is expected of me regarding workplace infection control practices, proper use of PPE, steps to follow if I experience COVID-19 symptoms, and how to report unsafe working conditions.

Yes